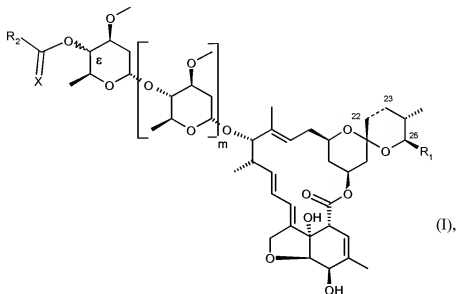


# **AMENDMENTS TO THE CLAIMS**

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

1. (Currently amended): A compound of the formula



wherein the bond between carbon atoms 22 and 23 is a single or double bond;

m is 0 or 1;

R<sub>1</sub> is C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl or C<sub>2</sub>-C<sub>12</sub>alkenyl; and either

(A) R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>, and

(1) X is O, wherein

R<sub>3</sub> is hydrogen, unsubstituted or mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl, aryl or heterocycl, and

R<sub>4</sub> is mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl, unsubstituted and or mono- to trisubstituted heterocycl, unsubstituted and or

mono- to pentasubstituted aryl,  $\text{NH}_2$ ,  $\text{NHC}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $\text{C}_1\text{-C}_6\text{alkyl-N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $\text{-C}_1\text{-C}_6\text{alkyl-N}^+(\text{C}_1\text{-C}_{12}\text{alkyl})_3$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{SO}_2\text{NHC}_6\text{H}_5$ ,  $\text{SO}_2\text{Phenyl}$ ,  $\text{SO}_2\text{Benzyl}$ ,  $\text{OH}$ ,  $\text{-OC}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{-OC}_1\text{-C}_{12}\text{alkenyl}$  or  $\text{-OC}_1\text{-C}_{12}\text{alkynyl}$ ; or

(2) X is S, wherein

$\text{R}_3$  is hydrogen, unsubstituted or mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ ; aryl or heterocyclyl, and

$\text{R}_4$  is hydrogen, unsubstituted or mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ , unsubstituted ~~and~~ or mono- to trisubstituted heterocyclyl, unsubstituted ~~and~~ or mono- to pentasubstituted aryl,  $\text{NH}_2$ ,  $\text{NHC}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{SO}_2\text{NHC}_6\text{H}_5$ ,  $\text{SO}_2\text{Phenyl}$ ,  $\text{SO}_2\text{Benzyl}$ ,  $\text{OH}$  or  $\text{-OC}_1\text{-C}_{12}\text{alkyl}$ ; or

(3) X is O or S, wherein  $\text{R}_3$  and  $\text{R}_4$  together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a  $\text{CH}_2$  group may be replaced by O, S,  $\text{C=O}$  or  $\text{NR}_6$ ; or

(B)  $\text{R}_2$  is  $\text{OR}_5$  and X is O or S, wherein  $\text{R}_5$  is  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ ;

in which the substituents of the alkyl-, alkenyl-, alkynyl-, alkylene-, alkenylene-, heterocyclyl-, aryl- and cycloalkyl-radicals mentioned under  $\text{R}_3$ ,  $\text{R}_4$  and  $\text{R}_5$  are selected from the group consisting of OH, halogen, halo- $\text{C}_1\text{-C}_2\text{alkyl}$ , CN, SCN,  $\text{NO}_2$ ,  $\text{C}_2\text{-C}_6\text{alkynyl}$ ,  $\text{C}_3\text{-C}_8\text{cycloalkyl}$  which is unsubstituted or substituted by one to three methyl groups; norbornylenyl;  $\text{C}_3\text{-C}_8\text{cycloalkenyl}$  which is unsubstituted or substituted by one to three methyl groups;  $\text{C}_3\text{-C}_8\text{halocycloalkyl}$ ,  $\text{C}_1\text{-C}_{12}\text{alkoxy}$ ,  $\text{C}_1\text{-C}_{12}\text{alkoxyC}_1\text{-C}_{12}\text{alkoxy}$ ,  $\text{C}_3\text{-C}_8\text{cycloalkoxy}$ ,

C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>3</sub>-C<sub>8</sub>cycloalkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>12</sub>alkylsulfanyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfanyl, C<sub>1</sub>-C<sub>12</sub>haloalkylsulfanyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfanyl, C<sub>1</sub>-C<sub>12</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>12</sub>haloalkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, -N(R<sub>6</sub>)<sub>2</sub>, wherein the two R<sub>6</sub> are independent of each other; -C(=O)R<sub>7</sub>, -O-C(=O)R<sub>8</sub>, -NHC(=O)R<sub>7</sub>, -S-C(=S)R<sub>8</sub>, -P(=O)(OC<sub>1</sub>-C<sub>6</sub>alkyl)<sub>2</sub>, -S(=O)<sub>2</sub>R<sub>11</sub>; -NH-S(=O)<sub>2</sub>R<sub>11</sub>, -OC(=O)-C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>11</sub>; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocycloxy, arylthio, benzylthio, heterocyclylthio; and also aryl, heterocyclyl, aryloxy, benzyloxy, heterocycloxy, arylthio, benzylthio or heterocyclylthio which, ~~depending on the possibilities of substitution on the ring, are~~ may be mono- to pentasubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, dimethylamino-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, phenoxy, phenyl-C<sub>1</sub>-C<sub>6</sub>alkyl, methylenedioxy, -C(=O)R<sub>7</sub>, -O-C(=O)-R<sub>8</sub>, -NH-C(=O)R<sub>8</sub>, -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; C<sub>1</sub>-C<sub>6</sub>alkylsulfanyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfanyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfanyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfanyl, C<sub>1</sub>-C<sub>6</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfonyl and C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl;

R<sub>6</sub> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxy-C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, phenyl, benzyl, -C(=O)R<sub>7</sub>, or -CH<sub>2</sub>-C(=O)-R<sub>7</sub>;

R<sub>7</sub> is H, OH, SH, -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>2</sub>-C<sub>12</sub>alkenyl, C<sub>1</sub>-C<sub>8</sub>hydroxyalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>2</sub>-C<sub>8</sub>alkenyloxy, C<sub>2</sub>-C<sub>8</sub>alkynyloxy, NH-C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)R<sub>9</sub>, -N(C<sub>1</sub>-C<sub>6</sub>alkyl)-C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)-R<sub>9</sub>, -O-C<sub>1</sub>-C<sub>2</sub>alkyl-C(=O)R<sub>9</sub>, -C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>9</sub>; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocycloxy; or aryl, benzyl, heterocyclyl, aryloxy, benzyloxy or heterocycloxy, which are unsubstituted or mono- to trisubstituted in the ring independently of one another by halogen, nitro, C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>haloalkyl or C<sub>1</sub>-C<sub>6</sub>haloalkoxy;

R<sub>8</sub> is H, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>hydroxyalkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; -C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)R<sub>10</sub>, -C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>9</sub>, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl

which, ~~depending on the possibilities of substitution on the ring,~~ are may be mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio;

R<sub>9</sub> is H, OH, C<sub>1</sub>-C<sub>24</sub>alkyl which is optionally substituted with OH, or -S(=O)<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>alkyl; C<sub>1</sub>-C<sub>12</sub>alkenyl, C<sub>1</sub>-C<sub>12</sub>alkynyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>2</sub>-C<sub>8</sub>alkenyl, aryl, aryloxy, benzyloxy, heterocyclyl, heterocyclyloxy or -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other;

R<sub>10</sub> is H, C<sub>1</sub>-C<sub>6</sub>alkyl, which is optionally substituted with one to five substituents selected from the group consisting of halogen, C<sub>1</sub>-C<sub>6</sub>alkoxy, hydroxy and cyano; C<sub>1</sub>-C<sub>8</sub>-cycloalkyl, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl, which, ~~depending on the possibilities of substitution on the ring,~~ may be are mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio;

or, ~~if appropriate,~~ an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, ~~in each case in free form or in a salt form thereof.~~

2. (Original) A pesticide composition which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.
3. (Withdrawn) A method for controlling pests wherein a composition as defined in claim 2 is applied to the pests or their habitat.
4. (Withdrawn) A process for preparing a composition as defined in claim 2 which contains at least one auxiliary, wherein the active compound is mixed intimately and/or ground with the auxiliary(s).

5. (Cancelled)
6. (Cancelled)
7. (Withdrawn) A method for protecting plant propagation material against damage by a pest, wherein the propagation material or the location where the propagation material is planted is treated with a composition as defined in claim 2.
8. (Withdrawn) Plant propagation material treated in accordance with the method defined in claim 7.
9. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is O.
10. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is S.
11. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is O or S, wherein  $R_3$  and  $R_4$  together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a  $CH_2$  group may be replaced by O, S,  $C=O$  or  $NR_6$ .
12. (New) The compound of claim 1, wherein  $R_2$  is  $OR_5$  and X is O or S.
13. (New) The compound of claim 1, wherein:  
 $R_2$  is  $-N(R_3)R_4$ ,  
X is O;  
 $R_3$  is hydrogen; and  
 $R_4$  is mono- to pentasubstituted  $C_1$ - $C_{12}$ alkyl, or unsubstituted or mono- to pentasubstituted  $C_3$ - $C_{12}$ cycloalkyl.
14. (New) The compound of claim 1, wherein:  
 $R_2$  is  $-N(R_3)R_4$ ,  
X is O;  
 $R_3$  is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl.

15. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is O;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to trisubstituted heterocyclyl, or unsubstituted and mono- to pentasubstituted aryl.

16. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is hydrogen, mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

17. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

18. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to trisubstituted heterocyclyl unsubstituted, or mono- to pentasubstituted aryl.

19. (New) The compound of claim 1, wherein:

R<sub>2</sub> is OR<sub>5</sub>, and

R<sub>5</sub> is mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

20. (New) The compound of claim 1, wherein:

R<sub>2</sub> is OR<sub>5</sub>, and

R<sub>5</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted alkynyl.

21. (New) The compound of claim 1, wherein the configuration at the  $\epsilon$ -position is (R).

22. (New) The compound of claim 1, wherein the configuration at the  $\epsilon$ -position is (S).